

# Smad3 Mouse Monoclonal Antibody(8B5)

Catalog No.: RA10042

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	52KD

### Applications

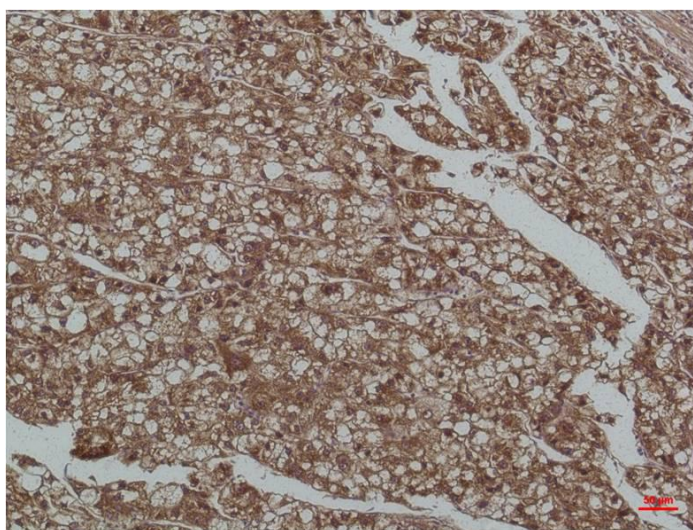
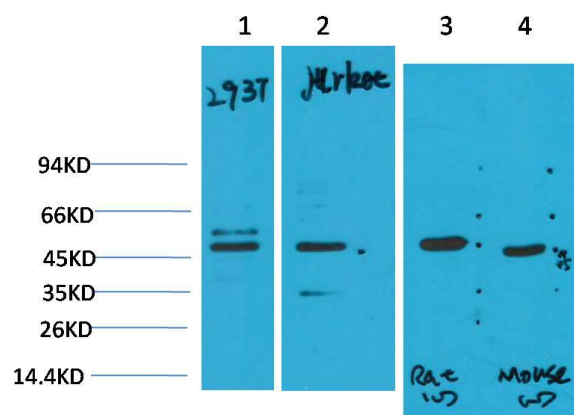
### Recommended Dilution

WB	1:1,000-2,000
IHC	1:100-200

## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 1)293T, 2)Jurkat, 3)Rat Heart Tissue, 4)Mouse Heart Tissue with Smad3 Mouse mAb diluted at 1:2,000.

Immunohistochemical analysis of paraffin-embedded Human Liver Tissue using Smad3 Mouse mAb diluted at 1:200.

## Background

Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD3/SMAD4 complex, activates transcription.